



# STATEMENT OF ENERGY PERFORMANCE

## Twenhofel Middle School

Building ID: 1179094

For 12-month Period Ending: August 31, 2008<sup>1</sup>

Date SEP becomes ineligible: December 29, 2008

Date SEP Generated: October 03, 2008

**Facility**

Twenhofel Middle School  
11846 Taylor Mill Rd.  
Independence KY 41051

**Facility Owner**

Kenton County School District  
1055 Eaton Dr.  
Ft. Wright KY 41017  
859-344-8888

**Primary Contact for this Facility**

Chris Baker  
1055 Eaton Dr.  
Ft. Wright KY 41017  
859-344-8888  
chris.baker@kenton.kyschools.us

Year Built: 2005

Gross Building Area (ft<sup>2</sup>): 112,113Energy Performance Rating<sup>2</sup> (1-100) 89**Facility Space Use Summary**

Space Type	Area(ft <sup>2</sup> )	Number of Students	Number of PCs	Cooling Percent
K-12 School	112,113	900	265	100
Parking	257,544	N/A	N/A	N/A

**Site Energy Use Summary**

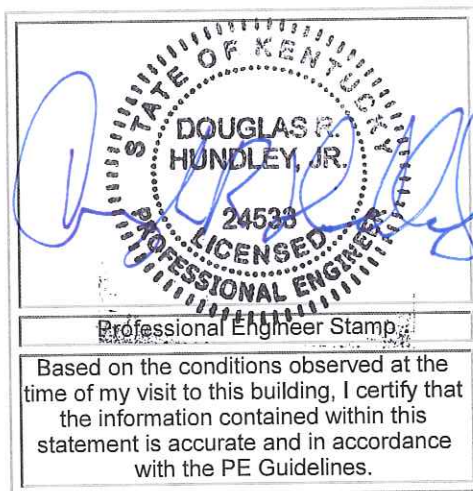
Natural Gas (kBtu)<sup>3</sup> 545,373  
Electricity (kBtu) 4,570,882  
Total Energy (kBtu) 5,116,255

**Energy Intensity<sup>4</sup>**

Site (kBtu/ft<sup>2</sup>/yr) 46  
Source (kBtu/ft<sup>2</sup>/yr) 141

**Emissions (based on site energy use)**CO<sub>2</sub> (tons/yr) 1,109**National Average Comparison**

National Average Source EUI 204  
National Average Site EUI 66  
% Difference from Average 31% Below Average  
Building Type K-12 School

**Indoor Environment Criteria<sup>5</sup>**

Indoor air pollutants controlled? Yes  
Adequate ventilation provided? Yes  
Thermal conditions met? Yes  
Adequate illumination provided? Yes

**Professional Engineer**

License Number: 24533  
State: KY  
Doug Hundley  
10101 Linn Station Road  
Louisville KY 41017  
502-326-3085

**Notes:**

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.
4. Values represent energy intensity, annualized to a 12-month period.
5. Based on meeting ASHRAE Standard 62-1999 for indoor air quality, ASHRAE Standard 55-1992 for thermal comfort, and IESNA Lighting Handbook for lighting quality.



The government estimates the average time needed to fill out this form is 6 hours (includes the time for entering energy data, PE facility inspection, and notarizing the SEP) and welcomes suggestions for reducing this level of effort. Send comments (referencing OMB control number) to the Director, Collection Strategies Division, U.S., EPA (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460.